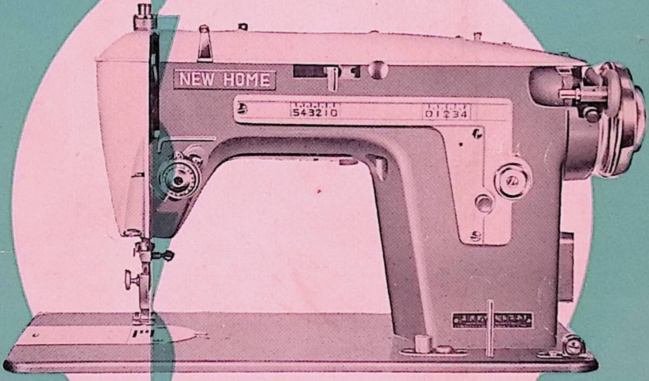
# NEW HOME®
LIGHT RUNNING


NEW HOME
543210
01234

MODEL 532

THE NEW HOME SEWING MACHINE COMPANY
P. O. BOX 25901,
LOS ANGELES 25, CALIFORNIA, U. S. A.

## FOR YOUR PROTECTION

This sewing machine was accurately adjusted, carefully inspected and thoroughly tested before shipment from the factory.

The New Home Sewing Machine Company guarantees this machine against defect due to faulty workmanship or materials; however, this guarantee is effective only so long as the machine in question is not exposed to abuse beyond the normal wear and tear to which such products may be subjected.

Attachments are not covered; electrical equipment is for one year from date of purchase.

To get extra needles, bobbins, light globes, oil, attachments or sewing accessories see the colorful BUSY SUSAN display at your sewing machine, variety, department or notions store.

THE NEW HOME SEWING MACHINE COMPANY
P. O. BOX 25901,
LOS ANGELES 25, CALIFORNIA, U S. A
SINCE 1860

[redacted]

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NEW HOME®
LIGHT RUNNING

Sewing Machine

*Unmatched*
*Quality and Performance*

Since 1860

[redacted]

# NEW HOME®

LIGHT RUNNING

## *Sewing Machine*

## LIFE-TIME GUARANTEE

Each new NEW HOME Sewing Machine is warranted to be free from defects in materials and workmanship entering into the manufacture and assembly, for the life of the machine. Any part, when returned transportation charges prepaid, will be repaired or replaced if proved to be defective.

Parts and accessories, such as belts, needles, bobbins, pulleys, attachments, etc which normally require replacement, are not covered by this warranty. Electrical equipment as supplied by the manufacturer is warranted for one (I) year against defects in materials and workmanship.

This warranty does not cover any machine which, in our opinion, has been altered or damaged so as to affect its performance, nor any machine not used under normal household conditions, nor any machine not given reasonable care in accordance with the printed instructions.

Date of Purchase : ____________________
Dealer's Name : ____________________
Signed By : ____________________

---

## Certificate of Registration

New Home

Sewing Machine

**Serial No.** ____________________

**Model No.** ____________________

**Purchaser** ____________________

**Address** ____________________

**City** ____________________

**Date of Purchase** ____________________

**Dealer's Name** ____________________

____________________

Detach and Mail—No postage necessary

FOR YOUR PROTECTION

# Guarantee Bond

**NEW HOME®**
LIGHT RUNNING

***Sewing Machine***

*Unmatched*

*Quality and Performance*

***Since 1860***

[redacted]

Postage Will be Paid by Addressee

No Postage Stamp Necessary If Mailed in the United States

**BUSINESS REPLY CARD**
First Class Permit No. 40231 Sec. 131,23 P.O.D., Los Angeles, Calif.

THE NEW HOME SEWING MACHINE COMPANY
P. O. BOX 25901
LOS ANGELES 25, CALIFORNIA

## FOR YOUR PROTECTION

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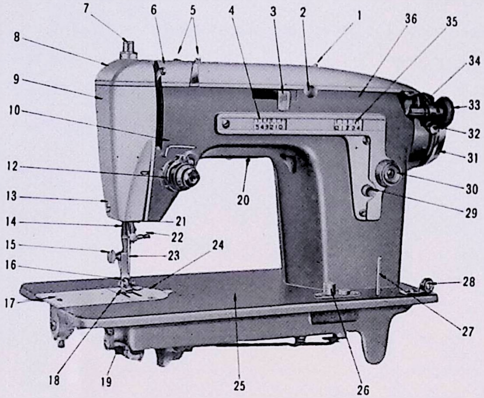
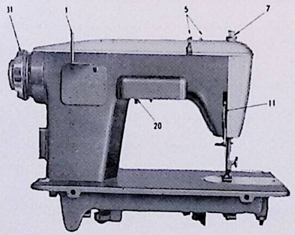
# NAME OF EACH PART



(Fig. 1)

1. Arm spool pin
2. Zigzag width stop lock
3. Zigzag width regulating lever
4. Zigzag width indicator
5. Upper arm thread guide
6. Thread take-up lever
7. Automatic darner
8. Top cover
9. Face plate
10. Lower arm thread guide
11. presser bar lifter
12. Thread tension regulator
13. Face plate set screw
14. presser bar
15. Thumb screw
16. Presser foot
17. Slide plate
18. Feed dog
19. Shuttle race
20. Switch for light
21. Needle bar
22. Needle clamp
23. Needle
24. Needle plate
25. Bed
26. Drop feed buttons
27. Bed spool pin
28. Bobbin winder tension bracket
29. Reverse button
30. Stitch length regulating dial
31. Hand wheel
32. Bobbin winder push button
33. Bobbin winder wheel
34. Bobbin winder spindle
35. Stitch length indicator
36. Arm



(Fig. 2)

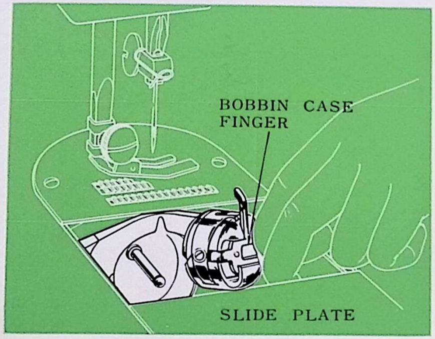
# RIGHT NEEDLE AND THREAD FOR RIGHT CLOTH

| Size of Needles | Cloth | Size of Threads |
|---|---|---|
| No. 9 | Thin calico, silk, serge and muslin. | No. 80–100 cotton thread or fine silk thread. |
| No. 10 | Thin calico, cotton cloth, crepe de chine, hosiery and silk. | No. 60–100 cotton thread or ordinary silk thread. |
| No. 14 | Ordinary cotton cloth, thick silk, thin woolen goods, towels and shirting. | No. 40–60 cotton thread or ordinary silk thread. |
| No. 16 | Thick cotton cloth, serge and thin woolen goods. | No. 30–60 cotton thread or ordinary silk thread. |
| No. 18 | Ordinary woolen goods, trousers, over-coats, thick calico and children's clothes. | No. 30–60 cotton thread or ordinary silk thread. |

Note: Use a good quality mercerized cotton thread, if available, to avoid shrinking when laundered.

# PREPARING TO SEW

## TO REMOVE THE BOBBIN CASE



(Fig. 3)

Turn the hand wheel toward you until the needle bar is at its highest point.

Open the slide plate in the bed of the machine so that the bobbin case can be reached. (Fig. 3)

Insert the thumb and forefinger to open the latch and withdraw the bobbin case.

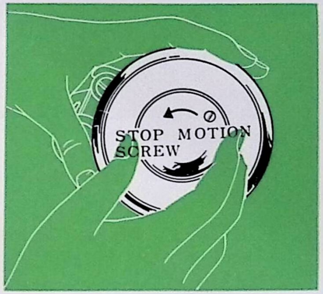
While the latch is held open, the bobbin is retained in the bobbin case and will not drop out.

On releasing the latch and turning the bobbin case downward, the bobbin will drop out.

The bobbin case must never be removed when the needle bar is in the lower position.

Neither should a bent needle be used, as it is liable to damage the bobbin case or the shuttle.

## TO WIND THE BOBBIN



(Fig. 4)

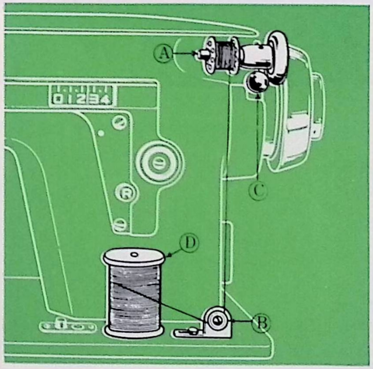
Disconnect the hand wheel by holding it in the left hand while turning the stop motion screw over toward you with the right hand, as shown in Fig. 4.

Wind the free end of the thread several times round the bobbin and press it onto the spindle (A), passing the thread through the tension bracket (B)

Press the push-button (C) until the latch fits securely into the bobbin.

When the bobbin is filled, the latch automatically disengages and stops the winding operation.

By usig the spool pin on the machine bed (D) spare bobbins can be wound and prepared without interfering with your sewing.



(Fig. 5)

## *TO THREAD THE BOBBIN CASE*

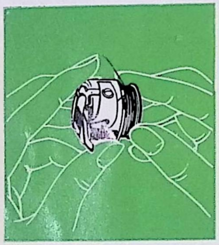
Hold the bobbin between the thumb and forefinger of your right hand and pull out two or three inches of thread.

Hold the bobbin case in your left hand, turn the open side pu and place the threaded bobbin into it. (Fig. 6)

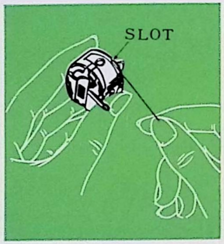
With the right hand, guide the thread into the slot in the edge of the bobbin case. (Fig. 7)

Then pull the thread to the right, under the tension spring and into the delivery eye. (Fig. 8)

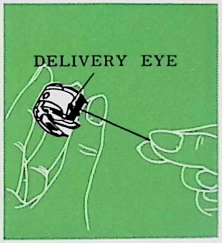
In order to keep the bobbin from dropping out of the case when turned with the open side down, always keep the hinged latch on the bobbin case open.



(Fig. 6)



(Fig. 7)



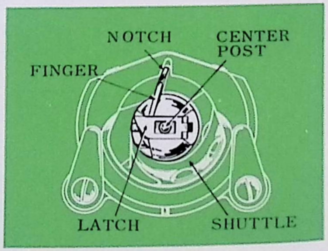
(Fig. 8)

## *TO INSERT THE BOBBIN CASE*

Hold the bobbin case by the latch and place it on the center post of the shuttle with the finger of the bobbin case opposite the notch at the top of the shuttle.

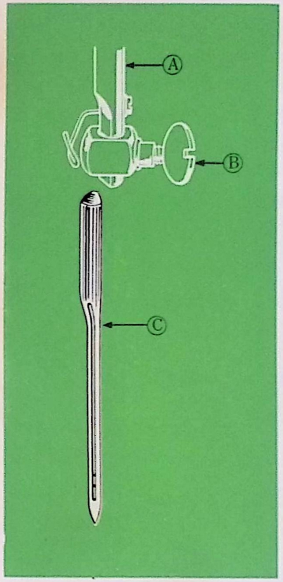
Release the latch and press the bobbin case into the shuttle until the latch catches on the center post of the shuttle with a click. (Fig. 9)

Permit the bobbin thread to hang down freely a few inches.



(Fig. 9)

## *TO INSERT THE NEEDLE*

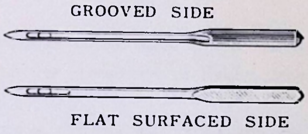


(Fig. 10)

Raise the needle bar (A) (Fig. 10) to its highest point by turning the hand wheel with your right hand.

Loosen the needle clamp screw (B) at the end of the needle bar, and insert the needle (C), with the flat side (Fig. 11) to the right, into the slot of the needle bar.

Insert the needle as far as it will go until it touches the pin which is visible in the slot above the needle clamp and tighten the needle clamp screw firmly.



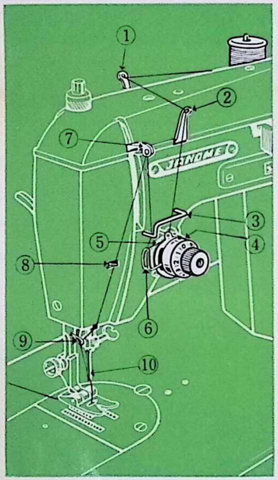
(Fig. 11)

## *TO THREAD THE NEEDLE*

Raise the take-up lever (6) to its highest point.

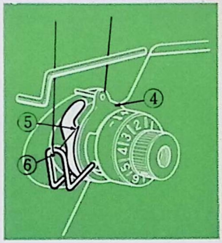
Place a spool of thread on the spool pin on the back of the machine arm.

Pass the thread through the upper arm thread guides (1 and 2), through the lower arm thread guide (3), downward between the tension discs (4) from the back, up over the tension thread guard (5) from behind, down into the hook of the take-up spring (6) up

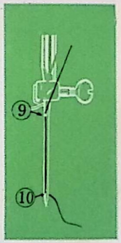


(Fig. 12)

and through the hole in the end of the take-up lever (7), down through the face plate thread guide (8) and into the wire thread guide (9) at the lower end of the needle bar; then from left to right through the eye of the needle (10). (Figs. 12,13 & 14)



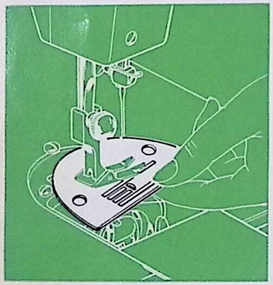
(Fig. 13)



(Fig. 14)

Draw about four inches of thread through the eye of the needle with which to commence sewing.

## *TO CHANGE THE NEEDLE PLATE*



(Fig. 15)

Raise the needle to its highest point by turning the hand wheel, and raise the presser foot by lifting the presser bar lifter.

Move the slide plate to the left and lift the needle plate out as shown in Fig. 15.

Place another needle plate on the guide screws and press it down.

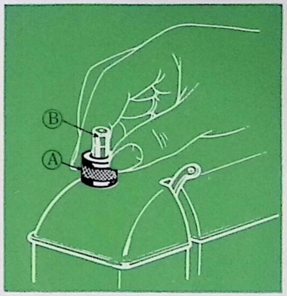
Note : When sewing straight stitches only, it is recommended to use the needle plate for straight stitching which is included in the accessories.

## *PATCHOMATIC DARNER*

For releasing pressure on the foot, press down the ring (A) (Fig 16), which will allow the darner to spring up to its highest position and leave the material free from any pressure from the presser foot.

For sewing thin or light fabrics, press the top of the darner (B) down lightly to get the required slight pressure on the fabric.

For sewing thicker or heavier fabrics, push the top of the darner down further, in order to get a stronger pressure on the presser foot.



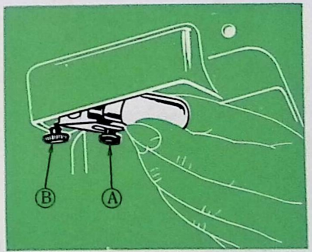
(Fig. 16)

## *BUILT-IN SEWLIGHT*

To insert the electric-bulb, pull the knob (A) (Fig. 17) until the socket is tilted at an angle enabling you to screw the bulb in.

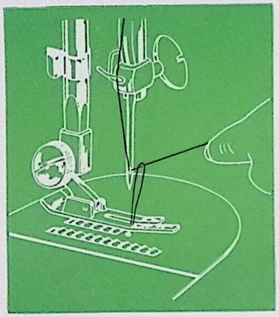
Always push the socket back into the position before sewing.

The light is turned on and off by means of the switch (B). (Fig. 17)



(Fig. 17)

## TO START SEWING



(Fig. 18)

Pull the upper thread through the needle eye and hold it loosely with the left hand.

Turn the hand wheel toward you with the right hand until the needle moves down and up again to its highest point, thus catching the lower (bobbin) thread.

Now pull the end of the upper thread you are holding and the bobbin thread will be brought up with it through the needle hole in the needle plate, as shown in Fig. 18.

Place both ends of threads back under the presser foot.

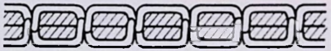
Place the fabric to be sewn beneath the presser foot, lower the foot upon it and then start the machine according to the directions already given.

Note: For straight sewing the zigzag width regulating lever (Fig. 1-3) must be set to the right, so that the zigzag width indicator points to "0".

## TO REGULATE THE THREAD TENSIONS

For ordinary stitching, the tension on the upper and lower threads should be equal so as to lock both threads in the center of the fabric.

thus:

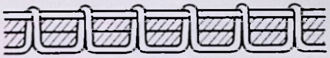


A

If the tension on either thread is stronger than on the other, imperfect stitching will be the result.

If the tension on the upper thread is greater than that on the lower thread, it will lie straight along the upper surface of the fabric.

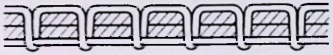
thus:



B

If the tension on the lower thread is greater than that on the upper thread, the lower thread will lie straight along the under-side of the fabric.

thus:

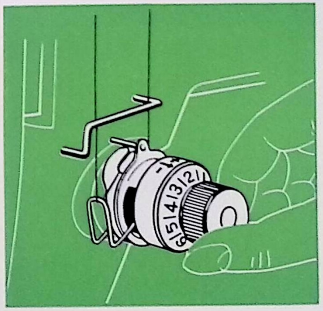


C

## TENSION ON THE UPPER THREAD

The sewing machine will give perfect performance when the upper thread tension is correctly adjusted.

A) The tension on the upper thread becomes stronger when the tension-dial is turned in the direction marked (+). (Fig. 19)

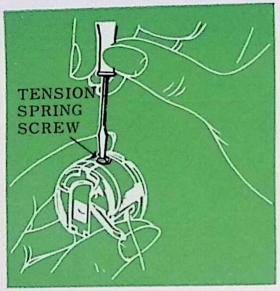


(Fig. 19)

B) Contrariwise, the upper thread tension becomes weaker when the dial is turned in the direction marked (−).

C) Once the tension has been adjusted satisfactorily, the dial can be returned to the same dial-number to obtain the same result.

## TENSION ON THE LOWER THREAD

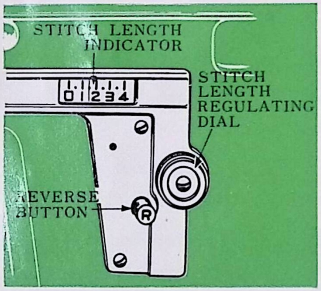

TENSION
SPRING
SCREW

The tension on the lower thread is regulated by the screw on the bobbin case tension spring. (Fig. 20)

Use the small driver and tighten the screw slightly to increase the tension, or loosen it to slacken the tension.

(Fig. 20)

## TO REGULATE THE DIRECTION OF FEED AND STITCHES


STITCH LENGTH
INDICATOR
0 1 2 3 4
STITCH
LENGTH
REGULATING
DIAL
REVERSE
BUTTON
R

(Fig. 21)

For reverse stitching, press and hold reverse button "R" until the desired number of stitches are sewn.

To regulate the length of stitch, turn the stitch length regulating dial to the required length, as shown in the stitch length indicator window. (Fig. 21)

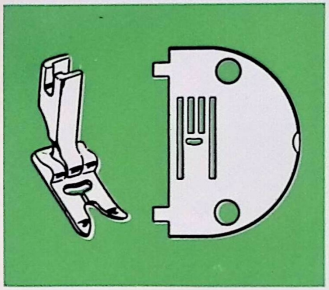
## TO REMOVE THE WORK

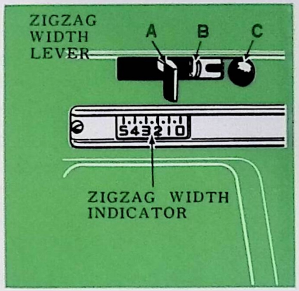
Raise the needle bar to its highest point, lift the presser foot, draw the fabric back and cut the ends of threads.

Leave the machine threads about four inches long for resuming sewing.

## SEWING APPLICATIONS

### ZIGZAG SEWING




ZIGZAG
WIDTH
LEVER
A
B
C
5 4 3 2 1 0
ZIGZAG WIDTH
INDICATOR

(Fig. 22)

(Fig. 23)

Make sure the needle plate and the presser foot are for zigzag use. (Fig. 22)

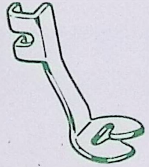
The controls for zigzag stitch are located on the arm of the machine as shown in Fig. 23.

Notice the lever "A" which adjusts width of zigzag seams. By moving this lever gradually to the left toward "5" the machine will sew a zigzag seam of increasing width, depending on the position of the lever. (Fig. 23)

When sewing buttonholes, the stopper "B" will be found useful. This stopper serves as a stop for the lever "A".

To set the stopper "B", loosen the stop lock "C", move the stopper to the desired position, tighten the stop lock "C".

## *BUTTON SEWING*

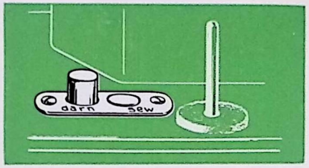


(Fig. 24)

Raise the needle bar to its highest point.

Raise the presser bar, remove the regular presser foot, and attach the button sewing presser foot. (Fig. 24).

Drop the feed by pressing down the drop feed button "DARN" on the right hand corner of the bed. (Fig. 25)



(Fig. 25)

Set the zigzag width lever "A" to 5 or less, according to the distance between the holes in the button.

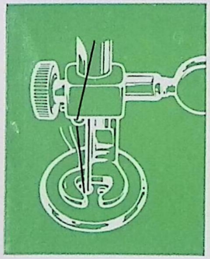
Place the fabric under the presser foot.

Place the button between the presser foot and the fabric, with the holes in a horizontal line and lower the presser foot.

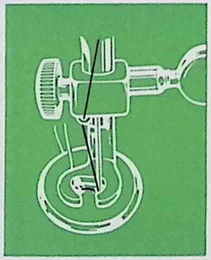
Turn the hand wheel slowly toward you, making sure the needle enters the holes in the button.

Slowly start the machine, making about six or seven stitches. To knot the thread, set the lever "A" to "O" and make three or four stitches.

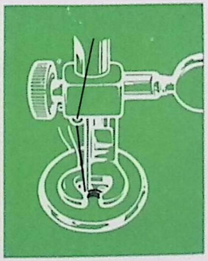
When sewing four-hole buttons, first sew one set of two holes, then stitch into the second set of two holes and lock the thread with three or four plain stitches in the last hole in the same way as described above.



(Fig. 26)

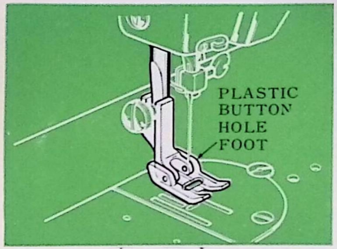


(Fig. 27)

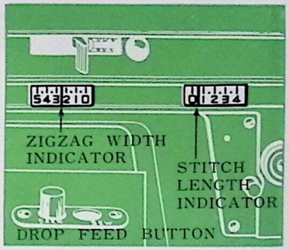


(Fig. 28)

## *BUTTONHOLE SEWING*



(Fig, 29-a)

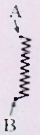


(Fig. 29-b)

Replace the presser foot with the plastic button hole presser foot. (Fig. 29-a)

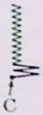
With a pencil or tailors chalk, mark the position and length of button hole on the fabric.

Set the zigzag width lever to "2. 4", and set the stitch length dial to "0. 5". (Less if stitches are too far apart — slightly more if the stitches are too close together.) See Fig. 29-b.



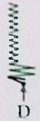
Set the fabric on the machine bed with the starting point of button hole (A) underneath the needle and sew slowly to the point (B).

To sew the lower bar tack, press down the drop feed buton "DARN" and set the zigzag width lever to "5".



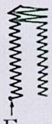
Sew four or five stitches by turning the hand wheel toward you by your right hand.

Stop the machine when the needle comes to the Point (C).



Before sewing the right row of the button hole, set the zigzag width lever to "2. 6" and press down the drop feed button "SEW".

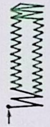
Turn the hand wheel to bring the needle to the point (D).



Raise the bar lifter and turn the fabric around 180 degrees.

Raise the needle to the highest point by turning the hand wheel to reset the zigzag width lever to"2.4".

Now lower the bar lifter and commence sewing the other row and bar tack in the same way for the left row and bar tack sewing.



To lock the thread, set the zigzag width lever to "0", press down the drop feed button "DARN" and sew a few stitches.

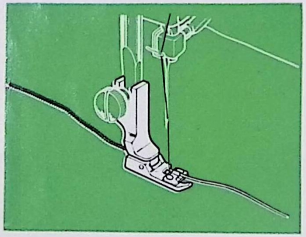
Cut the slot of the button hole with a seam ripper carefully not to cut through the bar tacks.

Note :
When moving the zigzag width lever, the needle must be raised up from the fabric lest the needle will be bent or droken.

To make a heavier button hole, sew twice by repeating the same procedure.

It it recommended to make some samples on a piece of fabric to acquire the correct stitch settings.

## BRAID SEWING


(Fig. 30)

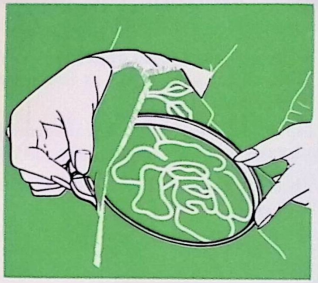
Remove the regular presser foot from the machine and attach the braider foot, as shown in Fig. 30.

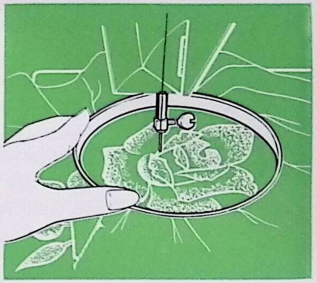
Insert the braid through the thread guide spring on the cording foot and lay it under the foot.

Adjust width of zigzag seam and length of stitch to obtain a covering of the braid which appears the most desirable for the material you are sewing.

Using a needle thread of a contrasting color will enhance the beauty of your braiding.

## DARNING AND EMBROIDERY


(Fig. 31)


(Fig. 32)

Raise the presser bar lifter and remove the presser foot.

Drop the feed by pressing down the drop feed button.

Now your machine is ready for embroidery and darning.

Embroidery will be done most successfully when the fabric is stretched and fixed in an embroidery hoop. (Fig. 31)

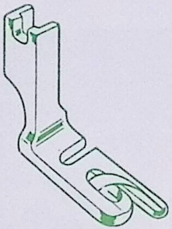
Hold the hoop closely on the machine bed with both hands, press the material with your left forefinger in the vicinity of the needle.

This will help in holding down the material and will prevent the machine from making skipped stitches.

Manipulate work carefully and be sure to keep fingers out of the path of the needles.

Adjust thread tensions for the best appearance of embroidery work and slightly increase the bobbin thread tension to avoid the lower thread from being pulled up.

### *HEMMING*



(Fig. 33)

Raise the needle to its highest point.

Raise the presser bar, remove the regular presser foot, and attach a hemmer foot. (Fig. 33)

Fold over the edge of the fabric approximately 1/8 inch wide, then fold it over again in the same way for a length of about 2 inches.

Insert this folded end into the spiral-formed opening (scroll) of the hemmer foot. (Fig. 34)

Move the fabric back and forth until the hem forms itself in the scroll.

Pull the fabric toward you until the beginning of the hem is just below the needle.

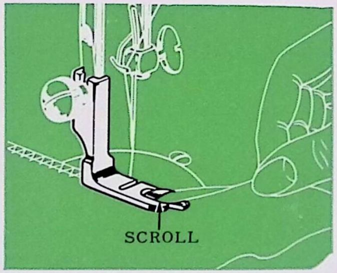
Guide the fabric into the hemmer foot while proceeding.

Note : Do not crowd fabric into the scroll, nor leave the scroll only partly filled with fabric.

Instead of a straight stitch, you can also use a zigzag stitch for this hemming operation.

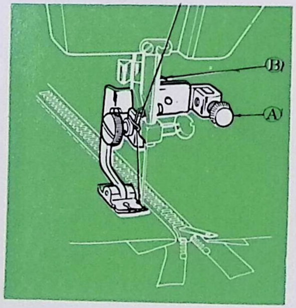
Be sure, however, to adjust the width of the zigzag stitch so that it is as wide as the hem itself.

Using a very long stitch and tight tensions will produce a SHELL STITCH.



(Fig. 34)

### *SEWING ON ZIPPER*



(Fig. 35)

The double purpose zipper foot (zipper-quilter) included in the accessories enables you to attach a zipper on fabric.

Take off the hook-shaped quilting attachment from the zipper foot and attach the foot to the presser bar of the machine.

First open out the zipper and place fabric in the position under the needle.

Set the machine for straight stitching. Loosen the thumb screw (Fig. 35-B) to set the foot on the left side of the needle and sew the left-side zipper as shown in Fig. 35.

To sew the right-side zipper, bring the foot to the right side of the needle.

### *TO USE QUILTING ATTACHMENT*

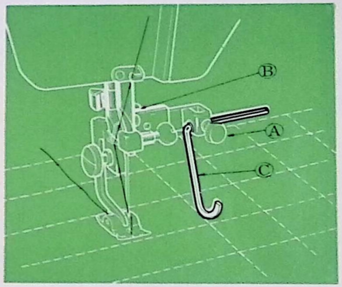
The quilting attachment will enable you to sew parallel lines on padded fabrics without the necessity of marking them in advance.

There are two kinds of quilters in the accessories to be attached to the right or left side of the clamp on the zipper foot depending on the distance between the parallel lines.

To attach the quilter to the foot, loosen the thumb screw(A) and clamp the quilter by the thumb screw.

Adjust the curved hook to the desired distance from the needle and adjust it to press into the fabric.

When sewing, the hook should follow the preceding line of stitching. (Fig. 36)

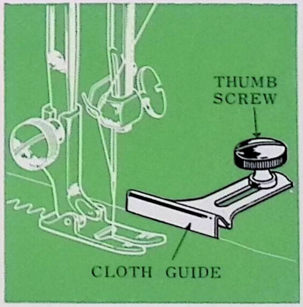


(Fig. 36)

### *CLOTH GUIDE*

When you wish to sew close to the edge of the fabric or to make a wide hem up to 1½ inches in a straight (or zigzag) and uniform line, the cloth guide will be of help. To attach the guide, place it over a hole to the right of the needle in the bed of the machine. (Pig. 37)

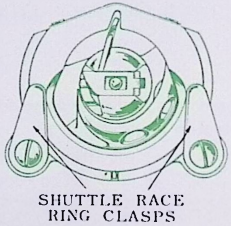
Attach the guide with the thumb screw adjusting it to the desired distance, and then tighten it firmly.



(Fig. 37)

# MAINTENANCE

## TO OPEN THE SHUTTLE RACE



(Fig. 38)

To assure the best results with your sewing machine, it is necessary that the shuttle race be cleaned from time to time.

Moreover it will sometimes be necessary to open the shuttle race in order to remove loose pieces of thread that have been caught in the hook.

The design of the shuttle race enables you to do this most easily and efficiently, without sacrificing the precision which is so essential to these parts.

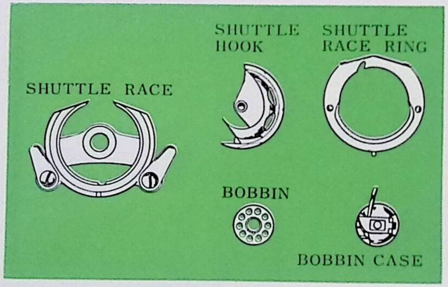
To open the shuttle race, first raise the needle bar to its highest point and remove the bobbin case. (Fig. 38)

Next, twist the shuttle race ring clasps outward (Fig. 39), then take out the shuttle race ring.

Carefully remove the shuttle and clean the shuttle race.

Replace the shuttle ring, and lock it with the clasps.

Be careful not to drop the shuttle lest you damage it.



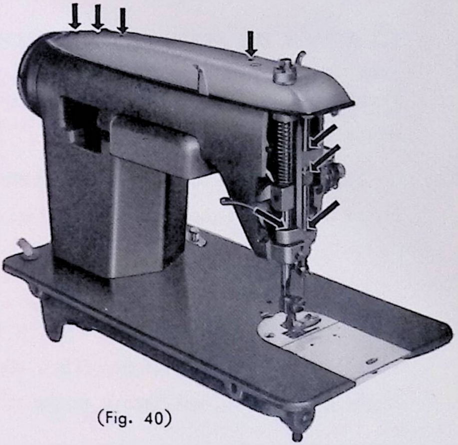
(Fig. 39)

## TO OIL THE MACHINE

To ensure easy and free working of the machine, it is necessary that all moving parts be covered with a film of oil and not be allowed to become dry.

The shuttle race should also be oiled frequently.

The machine should be oiled at the places indicated by arrows in Fig. 40 and Fig. 41.

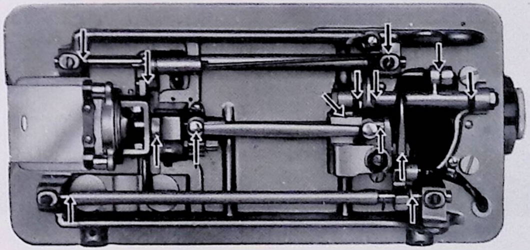


(Fig. 40)

To remove the face plate, loosen the face plate set screw. (Fig. 1—No. 13)

After oiling, run the machine rapidly for a few minutes to work the oil into the bearings.

When in constant use the machine should be oiled two or three times a week.



(Fig. 41)

# SETTING A MOTOR TO THE MACHINE

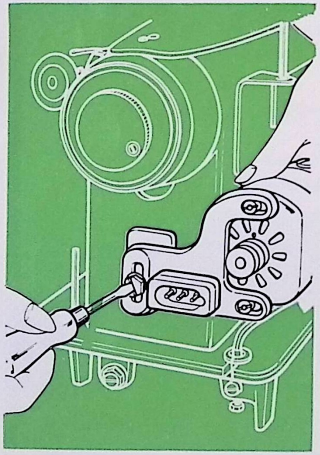
## TO ATTACH THE MOTOR TO THE MACHINE

Place the motor bracket on the tongue over which the slot in the motor bracket fits.

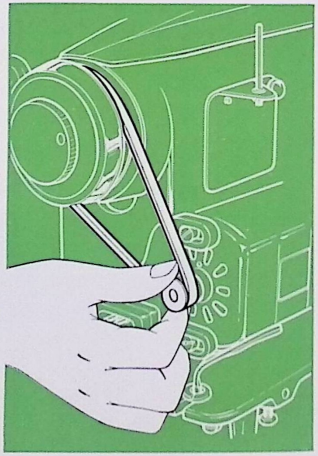
Then insert the screw and after shifting the motor upward as far as it will go, tighten the screw. (Fig. 42)

## TO PLACE THE BELT ON THE MOTOR

Place the belt on the machine. Then slip the belt in the groove in the hand wheel, and force it in the motor pulley. (Fig. 43)



(Fig. 42)



(Fig. 43)

## TO REGULATE THE BELT TENSION

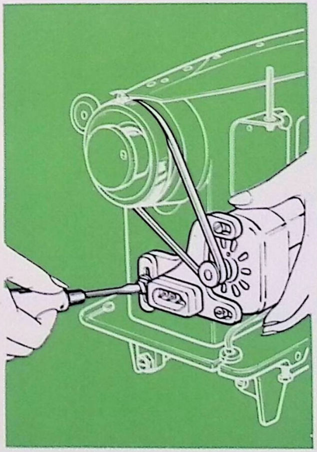
To adjust the belt tension, loosen the attaching screw about one turn with a screw driver This will allow the motor to drop downward

Then tighten the screw firmly, and the belt should have the correct tension. (Fig. 44)

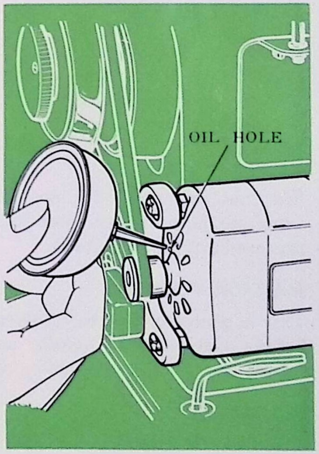
## TO OIL THE MOTOR

It is necessary to oil the motor occasionally in order to keep the bearings from wearing out.

Apply a few drops of oil to the oil hole as shown in Fig. 45.



(Fig. 44)



(Fig. 45)

# CHECK-UP FOR SMOOTH SEWING

## MACHINE WORKING HEAVILY

If the machine works hard after standing idle for some time, apply a little kerosene in place of oil.

Then run the machine rapidly to clean the bearings, and oil it with sewing machine oil. The use of inferior oil is usually the cause of the machine working heavily.

## THREAD BREAKS

If the needle thread breaks, it is probably due to one of the following causes: The machine being improperly threaded.
The tensions being too tight.
The needle being bent or having a blunt point.
The thread being too coarse for the size of the needle.
The thread take-up spring broken.

If the lower thread breaks, adjust the bobbin tension, also see that the inside of the bobbin case and the underneath of the tension spring are free from lint.

## SKIPPED STITCHES

A bent or blunted needle is often the cause of this. See that the needle plate is accurately inserted. Remove the needle plate and after ascertaining that the feed is clean and working freely, replace the needle plate.

## NEEDLE BREAKS

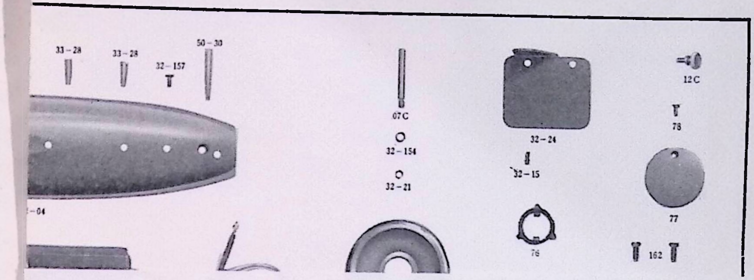
See that the needle is not bent and avoid pulling the material when stitching; either condition will cause the needle to strike on the needle plate and break.

## MATERIAL PUCKERS

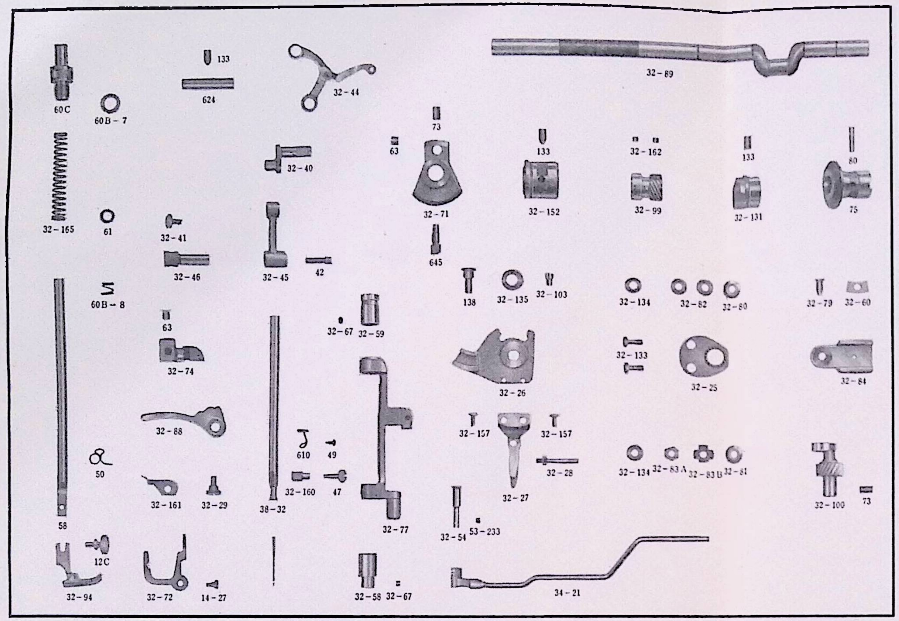
This is generally due to incorrect tension. See also that both the bobbin case and the needle are properly threaded and that the thread used is of good quality and the correct size for the needle.

## STITCHES LOOP

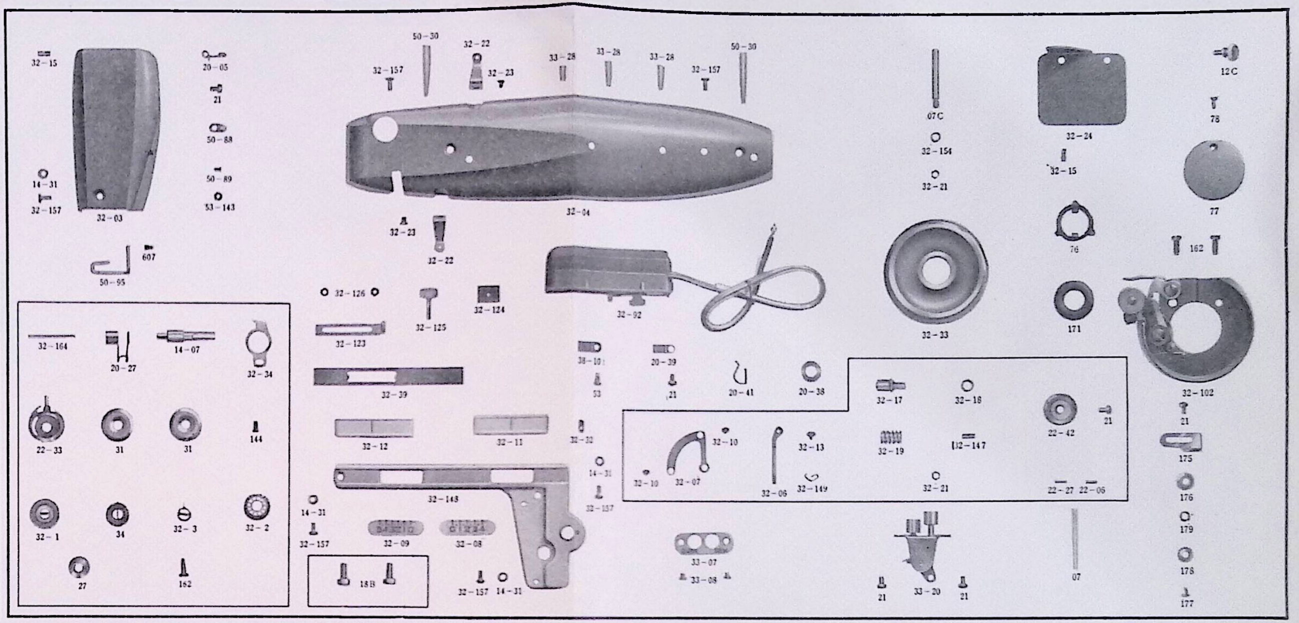
This can be regulated by the tensions. See also that both the bobbin case and the needle are properly threaded and that the thread used is of good quality and the correct size for the needle.



# PARTS LIST



60C
60B - 7
133
624
32 - 44
32 - 89
73
63
32 - 40
133
32 - 162
133
80
32 - 165
61
32 - 41
32 - 71
32 - 152
32 - 99
32 - 131
75
32 - 46
32 - 45
42
645
60B - 8
138
32 - 135
32 - 103
32 - 134
32 - 82
32 - 80
32 - 79
32 - 60
63
32 - 67
32 - 59
32 - 74
32 - 26
32 - 133
32 - 25
32 - 84
32 - 88
32 - 157
32 - 157
610
49
50
32 - 28
32 - 134
32 - 83 A
32 - 83 B
32 - 81
32 - 27
32 - 160
47
32 - 161
32 - 29
38 - 32
32 - 100
73
58
32 - 77
32 - 54
53 - 233
12C
32 - 94
32 - 72
14 - 27
32 - 58
32 - 67
34 - 21



32 - 15
20 - 05
21
50 - 30
32 - 22
32 - 157
32 - 23
33 - 28
33 - 28
33 - 28
32 - 157
50 - 30
07C
32 - 24
12C
78
50 - 88
32 - 154
32 - 15
50 - 89
14 - 31
53 - 143
32 - 21
32 - 157
32 - 03
32 - 04
77
32 - 23
32 - 22
76
162
50 - 95
607
32 - 126
32 - 125
32 - 124
32 - 92
32 - 33
171
32 - 123
32 - 164
20 - 27
14 - 07
32 - 34
38 - 101
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32 - 102
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22 - 42
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21
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132 - 147
22 - 33
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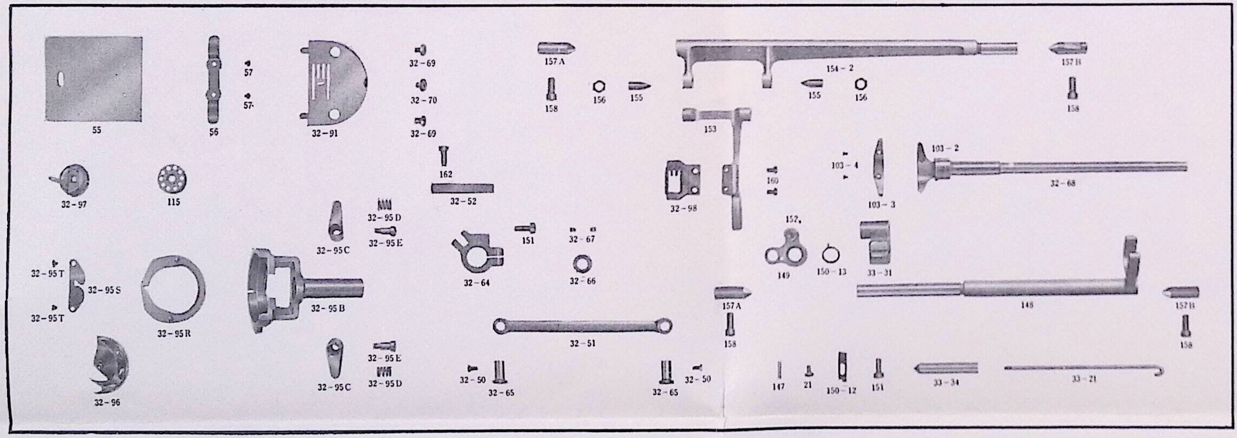
32 - 12
32 - 11
32 - 32
175
14 - 31
32 - 10
32 - 07
32 - 06
32 - 149
32 - 21
22 - 27
22 - 06
32 - 157
176
32 - 148
14 - 31
179
32 - 1
34
32 - 3
32 - 2
32 - 157
32 - 09
32 - 08
33 - 07
178
33 - 08
07
27
162
18B
32 - 157
14 - 31
21
33 - 20
21
177



32 - 69
157 A
154 - 2
157 B
57
158
156
155
155
156
158
57
32 - 70
55
56
32 - 91
32 - 69
153
32 - 97
115
162
32 - 52
103 - 4
103 - 2
160
32 - 68
32 - 98
103 - 3
32 - 95 D
32 - 95 E
32 - 95 C
151
32 - 67
157
32 - 64
32 - 66
149
150 - 13
33 - 31
32 - 95 T
32 - 95 S
32 - 95 T
32 - 95 B
32 - 95 R
157 A
148
157 B
32 - 51
158
158
32 - 95 E
32 - 95 D
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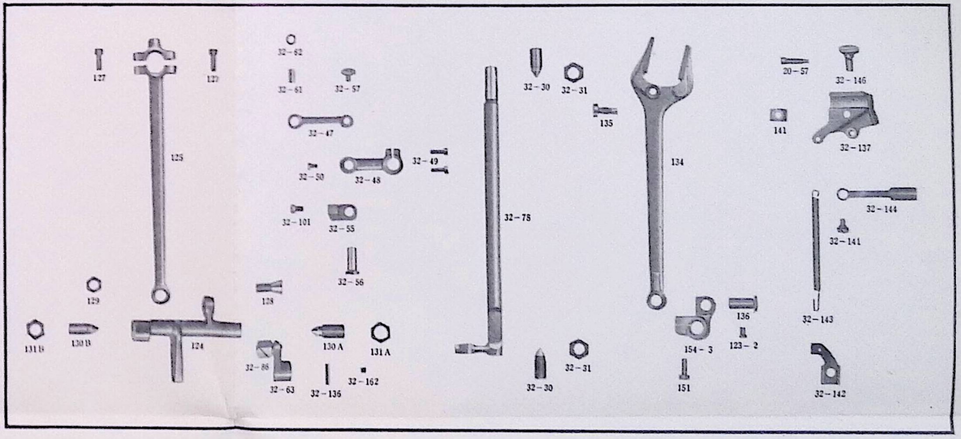
150 - 12
151
33 - 34
33 - 21
32 - 96
32 - 95 C



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127
127
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32 - 31
20 - 57
32 - 146
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32 - 49
32 - 50
32 - 48
32 - 101
32 - 55
32 - 78
32 - 144
32 - 141
32 - 56
129
128
136
32 - 143
131 B
130 B
124
130 A
131 A
154 - 3
123 - 2
32 - 86
32 - 63
32 - 136
32 - 162
32 - 30
32 - 31
151
32 - 142

| | |
|---|---|
| 07 | Bed spool pin |
| 07C | Upper arm spool pin |
| 12C | Arm shield screw, Presser foot thumb screw. |
| 18B | Hinge clamping screw |
| 21 | Face plate thread guide set screw, Drop feed set screw, Feed lifting rock shaft crank plate set screw, Lamp cord set plate screw, Stitch length dial knob set screw, Bobbin winder tension bracket set screw. |
| 27 | Thread tension dial knob |
| 31 | Thread tension disc |
| 32–1 | Thread tension body |
| 32–2 | Thread tension numbered dial |
| 32–3 | Thread tension numbered dial washer |
| 34 | Thread tension spring |
| 42 | Needle bar connecting stud screw |
| 47 | Needle clamping screw |
| 49 | Needle bar thread guide set screw |
| 50 | Thread cutter |
| 53 | Lamp cord set plate set screw |
| 55 | Slide plate |
| 56 | Slide plate spring |
| 57 | Slide plate spring set screw |
| 58 | Presser bar |
| 60C | Patchomatic darner |
| 60B–7 | Patchomatic darner washer |
| 60B–8 | Patchomatic darner spring |
| 61 | Presser bar spring washer |
| 63 | Presser bar guide bracket screw, Needle bar connecting link set screw. |
| 73 | Needle bar connecting link set screw, Zigzag cam shaft set screw |
| 75 | Hand wheel bushing |
| 76 | Stop motion washer |
| 77 | Friction screw |
| 78 | Friction screw stop screw |
| 80 | Hand wheel bushing pin |
| 103–2 | Shuttle driver body |
| 103–3 | Shuttle driver spring |
| 103–4 | Shuttle driver spring set screw |
| 115 | Bobbin |
| 123–2 | Hinge pin set screw |
| 124 | Oscillating rock shaft |
| 125 | Crank connecting rod |
| 127 | Crank connecting rod screw |
| 128 | Crank connecting rod hinge screw |
| 129 | Hinge screw nut |
| 130A | Oscillating rock shaft center screw (small) |
| 130B | Oscillating rock shaft center screw (large) |
| 131A | Center screw nut (small) |
| 131B | Center screw nut (large) |
| 133 | Upper shaft bushing set screw, Thread take-up link pin set screw, Feed cam set screw. |
| 134 | Forked rod |
| 135 | Forked rod screw |
| 136 | Forked rod hinge pin |
| 138 | Zigzag width regulator set screw |
| 141 | Feed regulator slide block |
| 144 | Check spring stopper positioning screw. |
| 148 | Feed lifting rock shaft |
| 149 | Feed lifting rock shaft crank |
| 147 | Feed lifting rock shaft crank stopper |
| 150–12 | Feed lifting rock shaft crank plate |
| 150–13 | Feed lifting rock shaft crank spring |
| 151 | Shuttle race guide set screw, Feed rock shaft bracket screw, Feed lifting rock shaft bracket screw |
| 152 | Feed lifting rock shaft crank roller |
| 153 | Feed bar |
| 154–2 | Feed rock shaft |
| 154–3 | Feed rock shaft bracket |
| 155 | Feed bar center screw |
| 156 | Feed bar center screw nut |
| 157A | Center bar (large) |
| 157B | Center bar (small) |
| 158 | Center bar set screw |
| 160 | Feed dog set screw |
| 162 | Thread tension stud set screw, Belt cover set screw, Shuttle race guide shaft set screw. |
| 171 | Bobbin winder rubber ring |
| 174U | Bobbin winder tension unit |
| 175 | Bobbin winder tension bracket |
| 176 | Bobbin winder tension disc (large) |
| 177 | Bobbin winder tension bracket shaft |
| 178 | Bobbin winder tension disc (small) |
| 179 | Bobbin winder tension spring |
| 607 | Arm thread guide set screw |
| 610 | Needle bar thread guide |
| 624 | Thread take-up link pin |
| 645 | Thread take-up crank screw |
| 14–07 | Thread tension stud |
| 14–27 | Thread tension releasing lever screw |
| 14–31 | Fiber washer |
| 20–05 | Face plate thread guide |
| 20–27 | Check spring |
| 20–38 | Lamp cord rubber grommet |
| 20–39 | Lamp cord set plate |
| 20–41 | Lamp cord set plate |
| 20–57 | Feed regulator small screw |
| 22–06 | Stitch length dial knob pin |
| 22–08 | Dial knob shaft |
| 22–27 | Dial knob pin spring |
| 22–33 | Tension thread guard |
| 22–42 | Stitch length dial knob |
| 32–03 | Face plate |
| 32–04 | Top cover |
| 32–06 | Stitch length indicator ratchet |
| 32–07 | Stitch length indicator crank |
| 32–08 | Stitch length numbered plate |
| 32–09 | Zigzag width numbered plate |
| 32–10 | Stitch length indicator crank set screw |
| 32–11 | Stitch length indicator plate |
| 32–12 | Zigzag width indicator plate |
| 32–13 | Stitch length indicator set screw |
| 32–15 | Arm shield set screw, Face plate screw |
| 32–17 | Stitch length indicator pinion |
| 32–18 | Stitch length indicator pinion ring |
| 32–19 | Feed regulator screw |
| 32–21 | Spool pin clamping nut |
| 32–22 | Top cover thread guide |
| 32–23 | Top cover thread guide set screw |
| 32–24 | Arm shield |
| 32–25 | Zigzag cam box bracket |
| 32–26 | Zigzag width adjustor |
| 32–27 | Zigzag width lever |
| 32–28 | Zigzag width lever pin |
| 32–29 | Presser foot lifter hinge screw |
| 32–30 | Vertical shaft screw center |
| 32–31 | Vertical shaft screw center nut |
| 32–32 | Stitch length indicator slide block |
| 32–33 | Hand wheel |
| 32–34 | Check spring stopper |
| 32–39 | Stitch length indicator back plate |
| 32–40 | Needle bar connecting link |
| 32–41 | Needle bar crank set screw |
| 32–44 | Thread take-up link |
| 32–45 | Needle bar crank |
| 32–46 | Needle bar connecting stud |
| 32–47 | Vertical shaft link |
| 32–48 | Vertical shaft driving rod |
| 32–49 | Vertical shaft set screw |
| 32–50 | Shuttle race driving rod pin set screw, Vertical shaft set screw (small) |
| 32–51 | Shuttle race driving rod |
| 32–52 | Shuttle race guide shaft |
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